

# Receiving Report

Date: 11/02/25

Batch No: 128314

Dart P/O: 22957

Supplier: Mustang Cattle

Packing Slip: Yes

No

Invoice: Yes

No

Receipt: Cash

Cr

New Supplier: Yes

No

Work Order

QC18 Inspection

Shipment Complete: Yes

Waybill Attached: Yes

Release Note Attached: Yes

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

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No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

Location

Production/Admin:  
Date  
Received/Costing  
Initial

H:\FORMS\Purchasing\approved purch\RECREPORT Rev F

Mustang Cattle  
for Heat  
H960

Purchase Order Receipt Listing

Thursday, March 20, 2014 3:06:13 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO22957 All Receipt Dates All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name PO22957	1	VC-MET001	Metaux Castle								
			M174PH-	f	3/25/2014	2/25/2014	48.0000	\$4.96	0.0000	0	\$237.96
			H900R0.500								
			17-4SS H900	f	48.0000	LAV001		\$237.96	0.0000	0	
			ROUND BAR 0.500								
			M128314								
	2		M174PH-	f	3/25/2014	2/25/2014	48.0000	\$7.33	0.0000	0	\$351.95
			H900R0.750								
			17-4 SS H900	f	48.0000	LAV001		\$351.95	0.0000	0	
			ROUND BAR 0.750"								
CAD			M128314								
	3		M174PH-	f	3/25/2014	2/25/2014	48.0000	\$9.17	0.0000	0	\$439.94
			H900R1.000								
			17-4SS H900	f	48.0000	LAV001		\$439.94	0.0000	0	
			ROUND BAR 1.00								
			M128314								
	4		M174PH-	f	3/25/2014	2/25/2014	36.0000	\$44.17	0.0000	0	\$1,590.29
			H900R2.000								
			17-4SS H900	f	36.0000	LAV001		\$1,590.29	0.0000	0	
			ROUND BAR 2.000								
No			M128314								
			M174PH-	f	3/25/2014	2/25/2014	36.0000	\$44.17	0.0000	0	\$1,590.29
			H900R2.000								
			17-4SS H900	f	36.0000	LAV001		\$1,590.29	0.0000	0	
			ROUND BAR 2.000								
			M128314								
			M174PH-	f	3/25/2014	2/25/2014	36.0000	\$44.17	0.0000	0	\$1,590.29
			H900R2.000								
			17-4SS H900	f	36.0000	LAV001		\$1,590.29	0.0000	0	
			ROUND BAR 2.000								

Total Received Quantity: 180.0000  
Total Qty to Inspect (PO U/M): 0.0000  
Total Reject Quantity: 0.0000  
Total Receipt Value: \$2,620.15  
Total Balance Due Quantity: 0.0000





Castle Metals®

A. M. Castle & Co.

BORDEREAU DE MARCHANDISES  
CERTIFICAT DE CONFORMITE

COPIE

Page 1 of 2

No de Formulaire d'Emballage / Pack Slip No:1645611

Expédié de / Ship From:		Vendu à / Sold To:		Expédié à / Ship To:		Livré à / Deliver To:	
A. M. Castle & Co. Cleveland 26800 Miles Road Bedford Heights, OH 44146		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		METCOR INC. 560 BOUL. ARTHUR-SAUVE SAINT-EUSTACHE, QC J7R 5A8 CA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date d'expédition / Date Shipped	F.O.B.	Modalités de transport / Freight Terms		Transporteur / Carrier		No du Bon de connaissance / BOL No	N° de livraison / Delivery No
21-FEB-2014	ORIGIN	Prepaid		UPS		1653779	119529434

Détails d'expédition / Shipment Details	Destination finale / Final Destination Branch -
---	---

N° de commande / Order No	N° de ligne Line No	N° d'article / Item No	Description
3222087	1	14961.MO	0.5000.RD.17CR-4NI.STAINLESS.CF.SOL TR.COND A.144.0000 CUT TO 144 IN ( ) - CUT IN 4TH'S SPECIFICATIONS: AMS 5643 ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S
Email P/s and certs to: clavoie@artaero.com			
N° de bon de commande / Purchase Order No	Nbr de pièces / Part Number	Qté commandée / Ordered Qty	Qté Facturée / Invoice Qty
22957		4.00 PCS	48.0000 FT
Détails / Details			

Usine / Mill	No de coulée / Heat Number	Code mec / Mech Id	Pièces / PCS	Largeur (Pouce) / Width (IN)	Longueur (Pouce) / Length (IN)	Qté expédiée / Shipped Qty (LBS)
TALLEY METALS, INC.	G20849		4			32.0640

Nous certifions par la présente que le matériel ci-dessus est conforme aux spécifications susmentionnées et aux exigences applicables pour le matériel, y compris toute spécification faisant partie de la description. Les rapports d'essai sont archivés pour fins de consultation. Toute requête concernant du matériel défectueux sera rejetée à moins qu'elle ne soit faite par écrit à A. M. Castle & Co. dans les 60 jours suivant la livraison. Le matériel coupé sur mesure ou coupé par le client ne peut être retourné pour crédit.  
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.





**Castle Metals®**

A. M. Castle & Co.

**BORDEREAU DE MARCHANDISES  
CERTIFICAT DE CONFORMITE**

Page 2 of 2

Ce matériel a été reçu et inspecté par  
Reviewed by Authorized Castle Metals Representative:

Date:

Name:



Castle Metals FP  
6-20849  
HEAT NUMBER  
MECHANICAL ID  
ITEM CODE  
17961  
LOT NUMBER  
237851  
PO NUMBER  
19-25-13  
RECEIPT DATE  
7/11/14  
SUPPLIER  
SPECIFICATION  
KO  
LCS  
COMMENT  
BT  
APPROVED



# CERTIFICAT DE CONTROLE

ABNAHMEPRUEFEZUGNIS

**TALLEY METALS**  
A Carpenter Company

CERT SERIAL# 000899096

Talley Metals Technology, Inc.  
205 Talley Metals Lane  
Milledgeville, SC 29101 Tel: (616) 208-2000 (800) 338-4592

10/24/13  
CUSTOMER/RESIDENT/CLIENT

AM CASTLE & CO

3400 N WOLF RD  
FRANKLIN PARK IL 60131

HVL

SEITE/VERKAUFER/VERENDUR PAGE 1 OF 2

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE 237851	CARPENTER NO./MERKS-NR./N° DE REFERENCE INTERNE W85897	DATE/DATUM/DATE 10/24/13
WEIGHT/GEWICHT/POIDS 1599.000		

HEAT NUMBER / SCHMELZ-NR. / N° DE COULEE: G20849 UNS NUMBER S17400

PRODUCT DESCRIPTION: TYPE 17-4 SOLUTION ANNEALED COLD FINISH PART NUMBER: IAC 14961

SPECIFICATION: CASTLE 3174-01 CAP OF COND. H900 REV 33 (08/18/11) AMS 2303 REV E (08/10) AMS 5643 REV R (02/08) (UNS S17400) (AISI 630) ASME-SAS564 2011 EDITION

SIZE 0.50000 IN. (12.70 MM) RD BAR

PRIMARY HEAT CHEMISTRY(WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (COM)	0.03	NI (XRF)	4.16	CB+TA	0.24
MN (XRF)	0.82	SI (XRF)	0.39	P (XRF)	0.025
S (COM)	0.027	CU (XRF)	3.71	N (FUS)	0.024
CR (XRF)	15.28	CB (XRF)	0.24	TA (XRF)	0.01
LT (XRF)	0.01				

THIS HEAT MELTED BY THE ELECTRIC ARC/AOD PROCESSES  
NO WELD REPAIR.  
MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM AND ALPHA SOURCE  
CONTAMINATION.

EDDY CURRENT TEST PERFORMED

HOT REDUCTION RATIO = 81:1

MILL HEAT TREATMENT: SOL ANL  
TEMP 1900F (1037C)  
TIME (BATCH FURNACE) 1.30 HOURS  
QUENCH WATER

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED 271HBW (28HRC)

TENSILE STRENGTH, KSI(MPA)  
ELONGATION IN 2.00"  
REDUCTION OF AREA, %  
139.0 (958)  
16.0  
59.0

MAGNETIC PARTICLE: FREQUENCY = 0 / SEVERITY = 0  
1.10%  
MICROSTRUCTURE - FERRITE

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties. The foregoing certification is not for use in any other form. Carpenter's responsibility for the accuracy of the certification is limited to the data and analysis furnished by the customer. The customer is responsible for the accuracy of the data and analysis furnished by the customer. The customer is responsible for the accuracy of the data and analysis furnished by the customer. The customer is responsible for the accuracy of the data and analysis furnished by the customer.



This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification made to other parties. Die vorliegende Zertifikatierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt keine Verantwortung für irgendwelche Aussagen oder Zertifikatierungen an andere Personen. Ce certificat est uniquement valable pour le client dont le nom est imprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification ou une affirmation faite à d'autres personnes.

Timothy M. Kasper

TIMOTHY DUVALL  
QUALITY ASSURANCE REP.  
CARPENTER TECHNOLOGY CORPORATION

NO WELD REPAIR PERFORMED  
MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DEARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 252.872.1, SUPERSEDED BY DEARS REQUIREMENTS DEARS 252.225-7008 AND THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 30 DATED 09/28/11.  
CARPENTER'S QUALITY MANAGEMENT SYSTEM WAS REGISTERED AS OF NOVEMBER 24, 2010 TO THE REQUIREMENTS OF ISO 9001:2008 APPROVAL CERTIFICATE 10-1385R BY PERFORMANCE REVIEW INSTITUTE. THIS CERTIFICATE OF TEST IS TYPE 3.1 PREPARED IN ACCORDANCE WITH EN 10204 (DIN 50049). WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE AS DOCUMENTED IN THIS CERTIFICATE OF TESTS.  
TEST METHODS ARE PER THE ASTM STANDARDS ON FILE AND IN EFFECT AT TIME OF ORDER. ACCEPTANCE, STANDARD PRACTICES, OR AS AGREED UPON BETWEEN CARPENTER & CUSTOMER.

HARDNESS 400HBW ( 43HRC )  
YIELD STRENGTH (T) LONGITUDINAL 204.0 ( 1407 )  
YIELD STRENGTH (T) LONGITUDINAL 208.0 ( 1434 )  
TENSILE STRENGTH, KSI (MPA) 204.0 ( 1407 )  
ELONGATION IN 2.00" 16.0  
REDUCTION OF AREA, % 49.0

900 F ( 482 C ), 01 HR  
AIR COOL

HEAT NUMBER / SCHMELZ-NR. / N° DE COULEUR: G20849  
UNS NUMBER S17400

237851	CUSTOMER ORDER NO. / BESTELL.-NR. / N° DE COMMANDE
W85897	CARPENTER NO. / MEAS.-NR. / N° DE REFERENCE INTERNE
10/24/13	DATE / DATUM / DATE
1599.000	WEIGHT / GEWICHT / POIDS

HVL

3400 N WOLF RD  
FRANKLIN PARK IL 60131

AM CASTLE & CO

10/24/13  
CUSTOMER / BESTELLER / CLIENT

Talley Metals Technology, Inc.  
205 Talley Metals Lane  
McBee, SC 29101 Tel: (610) 208-2000 (800) 338-4592

A Carpenter Company  
TALLEY METALS

CERT SERIAL# 000899096  
CERTIFICATE OF TESTS

ABNAHMEPRUEFZEUGNIS  
CERTIFICAT DE CONTROLE

- THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

2 OF 2  
SÄTTER / VERKAUFER / VENDEUR PAGE



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M174PH-9008.0501  
DATE: March 14<sup>th</sup>, 2014

PO / BATCH NO.: 22957 / M128314

MATERIAL CERT REC'D: 42.05	QUANTITY RECEIVED: 42.05	QUANTITY INSPECTED: 42.05	QUANTITY REJECTED: —
THICKNESS ORDERED: 0.500	THICKNESS RECEIVED: 0.501	SHEET SIZE ORDERED: —	SHEET SIZE RECEIVED: —

\* Part sent for Heat treat in PO 22958.

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	
CORROSION	<input checked="" type="checkbox"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.			
RECORD RESULTS BELOW			
TYPE OF MATERIAL	HRC	HRB	DUR A
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING	44HRC		

Testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: S14/03/20	SIGNED OFF BY:
DATE:	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





BORDEREAU DE MARCHANDISES  
CERTIFICAT DE CONFORMITE

A. M. Castle & Co.

Page 1 of 2

No de Formulaire d'Emballage / Pack Slip No: 1642964

<b>Expédié de / Ship From:</b> A. M. Castle & Co. (Canada) Inc. Toronto 2150 Argentia Road MISSISSAUGA, ON L5N 2K7	<b>Vendu à / Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Expédié à / Ship To:</b> METCOR INC. 560 BOUL. ARTHUR-SAUVÉ SAINT-EUSTACHE, QC J7R 5A8 CA	<b>Livré à / Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date d'expédition / Date Shipped</b> 19-FEB-2014	<b>F.O.B.</b> ORIGIN	<b>Modalités de transport / Freight Terms</b> Prepaid	<b>Transporteur / Carrier</b> LTL
			<b>No du Bon de connaissance / BOL No</b> 1651126
			<b>N° de livraison / Delivery No</b> 119528586

<b>Détails d'expédition / Shipment Details</b>	<b>Destination finale / Final Destination Branch -</b>
--	--

N° de commande / Order No		N° de ligne / Line No	N° d'article / Item No	Description
3222087		2	14966.MO <i>CA 14/02/25</i>	0.7500.RD.17CR-4NI.STAINLESS.CF.SOL TR.COND A.132.0000-156.0000 CUT TO 146.5 IN () - CUT IN 4TH'S SPECIFICATIONS: ATTN MONTREAL: SHIP TO METCOR AMS 5643 ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS
N° de bon de commande / Purchase Order No		Nbre de pièces / Part Number	Qté commandée / Ordered Qty	Qté Facturée / Invoice Qty
22957			4.00 PCS	48.8333 FT
Détails / Details				
Usine /	No de coulee /	Code méc /	Pièces /	Largeur (Pouce) / Longueur (Pouce) / Qté expédiée /





BORDEREAU DE MARCHANDISES  
CERTIFICAT DE CONFORMITE

A. M. Castle & Co.

Page 2 of 2

Mill	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty (LBS)
VALBRUNA CORPORATION	256490		4			73.2500

Nous certifions par la présente que le matériel couvert par cette certification est conforme aux spécifications susmentionnées et aux exigences applicables pour le matériel, y compris toute spécification faisant partie de la description. Les rapports d'essai sont archivés pour fins de consultation. Toute requête concernant du matériel défectueux sera rejetée à moins qu'elle ne soit faite par écrit à A. M. Castle & Co. dans les 60 jours suivant la livraison. Le matériel coupé sur mesure ou coupé par le client ne peut être retourné pour crédit.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Ce matériel a été reçu et inspecté par  
Reviewed by Authorized Castle Metals Representative:

Date: Name:







CERTIFICATO DI COLLAUDO  
ABNAHMEPRUEFZEUGNIS  
INSPECTION CERTIFICATE  
CERTIFICAT DE RECEPTION  
EN 10204 (2004), 3.1



**Acciaierie  
Valbruna s.p.a.**

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Sib.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Customer/Purchaser/Client

VALBRUNA CANADA LTD

8724 HOLGATE CRESCENT

L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: STABILIMENTO DI BOLZANO

Hersteller/Manufacturer/Producent

Stato di fornitura: Hot rolled - Annealed Peeled

Lieferzustand/Supply state/État de livraison

Avviso di Spedizione: D-BZ12003970

Lieferanweisung/Packing list/V.L.

Ordine nr.: 204003842 Stock - Canada

Bestell-/Your order/Commande

Tipo di Elaborazione: E+AOD

Erkennungs-/Welding process/Mode d' élaboration

Punzono del Collaudatore:

Stempel des Verwärtungswilligen

Inspector a stamp/Prétion de l' assieur

Certificato nr.: MEST1218040/2012/ 2

Conferma ordine nr.: EH12003558

Werk-/Our Order/nr.

Marchio di Fabbrica:

Zeichen des Lieferanten

Trade mark

Styls du T usine production



Colata Heat	max 0,150	min 0,150	0,283	0,280	0,280
SchmelzeCooling	max 0,150	min 0,150	0,283	0,280	0,280
CB(Nb)%	0,450	0,450	0,283	0,280	0,280

Material solution annealed 1904F for 1 H ,

air cooled to below 90F,

Macro etch test: satisfactory,

Produced without class I-II Ozone depleting substances.

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste

On gestien Anforderungen sind z. Anlage mit II

Le matériel a été traité conforme aux exigences

Controllo antiriscossolanza: OK

Verwechtingsrisico: spectaalvast doorzichte

Anteckning: spektroskopisk undersökning

Anteckning: spektroskopisk undersökning

Controllo antiriscossolanza: OK

Verwechtingsrisico: spectaalvast doorzichte

Anteckning: spektroskopisk undersökning

Anteckning: spektroskopisk undersökning

Controllo antiriscossolanza: OK

Verwechtingsrisico: spectaalvast doorzichte

Anteckning: spektroskopisk undersökning

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Controllo antiriscossolanza: OK

Verwechtingsrisico: spectaalvast doorzichte

Anteckning: spektroskopisk undersökning

Anteckning: spektroskopisk undersökning

Controllo antiriscossolanza: OK

Verwechtingsrisico: spectaalvast doorzichte

Anteckning: spektroskopisk undersökning

Anteckning: spektroskopisk undersökning

Controllo antiriscossolanza: OK

Verwechtingsrisico: spectaalvast doorzichte

Anteckning: spektroskopisk undersökning

Bolzano, 22/01/14

881005  
(Mod. MC2)

Il collaudatore di stabilimento / der Werksschreibende / Works Inspector / L' agent d' usine

M. Rizzotto

Pagina - 2 di 2



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M179PH-5008.0.752	DATE: March 14, 2014
MATERIAL CERT REC'D: <del>48.0</del> 43.0	QUANTITY RECEIVED: 48.0
QUANTITY INSPECTED: 43.0	QUANTITY REJECTED: 43.0
THICKNESS ORDERED: 0.752	THICKNESS RECEIVED: 0.745
SHEET SIZE ORDERED: 1	SHEET SIZE RECEIVED: 1

\* Banks set out for Heat treat. on Po 22958.

PO / BATCH NO.: 22957 / M128314

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	
CORRECT FINISH	N	
CORROSION	Y	
CORRECT GRAIN DIRECTION	N	
CORRECT MATERIAL	Y	
CORRECT THICKNESS	N	
PHOTO REQUIRED	N	
CORRECT MATERIAL	N	
CORRECT REF # TO LINK CERT	Y	
CORRECT MATERIAL IDENTIFICATION	Y	
CORRECT M# ON THE MATERIAL	Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.

RECORD RESULTS BELOW

TYPE OF MATERIAL	SIZE OF TEST SAMPLE	HARDNESS / DUROMETER READING
HRC		43+10
HRB		
DUR A		
DUR D		

14/03/14

Testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: S. 14/03/14

DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





# BORDEREAU DE MARCHANDISES CERTIFICAT DE CONFORMITE

A. M. Castle & Co.

Page 1 of 2

No de Formulaire d'Emballage / Pack Slip No:1645623

<b>Expédié de / Ship From:</b> A. M. Castle & Co. Cleveland 26800 Miles Road Bedford Heights, OH 44146	<b>Vendu à / Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Expédié à / Ship To:</b> METCOR INC. 560 BOUL. ARTHUR-SAUVE SAINT-EUSTACHE, QC J7R 5A8 CA	<b>Livré à / Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date d'expédition / Date Shipped</b> 21-FEB-2014	<b>F.O.B.</b> ORIGIN	<b>Modalités de transport / Freight Terms</b> Prepaid	<b>Transporteur / Carrier</b> CASTLE_NETWORK K
		<b>No du Bon de connaissance / BOL No</b> 1653791	<b>N° de livraison / Delivery No</b> 119529330

Détails d'expédition / Shipment Details	Destination finale / Final Destination Branch -
---	---

N° de commande / Order No	N° de ligne / Line No	N° d'article / Item No	Description
3222087	3	14968.MO	1.0000.RD.17CR-4NI.STAINLESS.CF.SOL TR.COND A.132.0000-156.0000 CUT TO 155 IN ( ) - CUT IN HALF SPECIFICATIONS: AMS 5643 ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com
<b>N° de bon de commande / Purchase Order No</b> 22957	<b>Nbre de pièces / Part Number</b>	<b>Qté commandée / Ordered Qty</b>	<b>Qté Facturée / Invoice Qty</b>
		4.00 PCS	51.6667 FT

Détails / Details			
Usine / Mill	No de coulée / Heat Number	Code mec / Mech Id	Pièces / PCS
NORTH AMERICAN STAINLESS	L1D4		4
		Largueur (Pouce) / Width (IN)	Longueur (Pouce) / Length (IN)
			137.9500

Nous certifions par la présente que le matériel couvert par cette certification est conforme aux spécifications susmentionnées et aux exigences applicables pour le matériel, y compris toute spécification faisant partie de la description. Les rapports d'essai sont archivés pour fins de consultation. Toute requête concernant du matériel défectueux sera rejetée à moins qu'elle ne soit faite par écrit à A. M. Castle & Co. dans les 60 jours suivant la livraison. Le matériel coupé sur mesure ou coupé par le

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.  
14 March 2014 9:57:59 AM





**Castle Metals®**

A. M. Castle & Co.

**BORDEREAU DE MARCHANDISES  
CERTIFICAT DE CONFORMITE**

Page 2 of 2

client ne peut être retourné pour crédit. We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.	
Ce matériel a été reçu et inspecté par Reviewed by Authorized Castle Metals Representative:	Date:      Name:



CASTLE METALS - CLE	
HEAT NUMBER	L1D4
MECHANICAL ID	14368
ITEM CODE	1459243
LOT NUMBER	240125
PO NUMBER	8-7-14
RECEIPT DATE	1/15
SUPPLIER	
LCS	
COMMENT	
APPROVED	





NORTH AMERICAN  
STAINLESS

## METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Certificate: 915941 03 Mail To:

A.M. CASTLE AND COMPANY  
1420 KENSINGTON ROAD-SUITE 220  
OAK BROOK IL 60523

Ship To:

A.M. CASTLE AND COMPANY  
26800 MILES ROAD  
BEDFORD HEIGHTS OH 44146

Date: 2/05/2014 Page: 1 of 1

Steel: 630(17-4)  
Finish: Cold Finish  
Dia/Thk: 1.0000 in  
Leg Length: 144.00 in  
Corrosion:

Customer: 0032 005

NAS Order: LP 6821 1

Your Order: 240125

Item Code: 14968

### PRODUCT DESCRIPTION:

AMS 2303E, AMS 5643R  
Round Bar, Annealed, Smooth Turned, Cold Finished  
UNS S17400, EN 10204 3.1, ASTM A484/11, AMS 2303E  
ASTM A564/10 ASME SA564-07, ASTM F899/11 (CHEM ONLY)  
AMS 5643R, MACRO OK, SOLUTION ANNEALED @ 1900F FOR 1 HR MIN.

### REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7008 EU DIRECTIVE  
2011/65/EU, ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

84603/20

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
BG08059	1872								

### CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/08

Heat	Supplier #	CM	C %	CB %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
L1D4	US		.025	.206	.12	15.49	3.29	.86	.19	.037	4.44	.029
			S %	SI %	TA %	TI %						
			.0275	.52	.0090	.0025						

### MECHANICAL PROPERTIES

Id	HB	Grain	Ferrite	TS-900CAP	YS-900CAP	EL-900CAP	RA-900CAP	RC-900CAP
No.	No.	%	%	KSI	KSI	% 4D	%	No.
BG08059	341.0	8.0	.30	209.84	203.77	13.35	47.49	44.0

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical  
Dept. Mgr.

ERIC HESS



# MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO.: 22957/m28314

MATERIAL: M174PH-500 2.1.00  
DATE: March 14th 2014

THICKNESS ORDERED: 1.00"  
THICKNESS RECEIVED: 1.005"  
SHEET SIZE ORDERED: —  
SHEET SIZE RECEIVED: —

MATERIAL CERT REC'D: 223  
QUANTITY RECEIVED: 48.01  
QUANTITY INSPECTED: 48.01  
QUANTITY REJECTED: —

\* Parts sent out for heat treat on 10/29/58.

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	Material that treats.
CORROSION	<input type="checkbox"/> Y	
CORRECT GRAIN DIRECTION	<input type="checkbox"/> Y	
CORRECT MATERIAL	<input type="checkbox"/> Y	
PHOTO REQUIRED	<input type="checkbox"/> Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	AMS 2243
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	6.124
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	M174PH-H500 2.1.00
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	M128314
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
HARDNESS / DUROMETER READING	42 HRC			
SIZE OF TEST SAMPLE				

Testers located in the Quality Office

QC 18 INSPECTION  
ENGINEERING SIGNOFF (if required)  
INSPECTED BY: S. 11/10/14  
DATE: 11/10/14  
SIGNED OFF BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





# BORDEREAU DE MARCHANDISES CERTIFICAT DE CONFORMITE

A. M. Castle & Co.

Page 1 of 2

No de Formulaire d'Emballage / Pack Slip No:1642958

<b>Expédié de / Ship From:</b> A. M. Castle & Co. (Canada) Inc. Toronto 2150 Argentia Road MISSISSAUGA, ON L5N 2K7	<b>Vendu à / Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Expédié à / Ship To:</b> METCOR INC. 560 BOUL. ARTHUR-SAUVE SAINT-EUSTACHE, QC J7R 5A8 CA	<b>Livré à / Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date d'expédition / Date Shipped</b> 19-FEB-2014	<b>F.O.B.</b> ORIGIN	<b>Modalités de transport / Freight Terms</b> Prepaid	<b>No du Bon de connaissance / BOL No</b> 1651120
		<b>Transporteur / Carrier</b> CASTLE_NETWORK K	<b>N° de livraison / Delivery No</b> 119528587

## Détails d'expédition / Shipment Details

Destination finale / Final Destination Branch -			
N° de commande / Order No	N° de ligne / Line No	N° d'article / Item No	Description
3222087	4	14981.MO <i>CL 14/02/25</i>	2.0000.RD.17CR-4NI.STAINLESS.CF.SOL TR.COND A.132.0000-156.0000 CUT TO 154.5 IN ( ) - CUT IN 4TH'S SPECIFICATIONS: ATTN MONTREAL: SHIP TO METCOR AMS 5643 ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS
<b>N° de bon de commande / Purchase Order No</b> 22957	<b>Nbre de pièces / Part Number</b>	<b>Qté commandée / Ordered Qty</b> 3.00 PCS	<b>Qté Facturée / Invoice Qty</b> 38.6250 FT
<b>Détails / Details</b>			
<b>Usine /</b>	<b>No de coulee /</b>	<b>Code mec /</b>	<b>Pièces /</b>
			<b>Longueur (Pouce) /</b>
			<b>Qté expédiée /</b>





BORDEREAU DE MARCHANDISES  
CERTIFICAT DE CONFORMITE

A. M. Castle & Co.

Page 2 of 2

Mill	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty (LBS)
VALBRUNA CORPORATION	257635		3			412.5150

Nous certifions par la présente que le matériel couvert par cette certification est conforme aux spécifications susmentionnées et aux exigences applicables pour le matériel, y compris toute spécification faisant partie de la description. Les rapports d'essai sont archivés pour fins de consultation. Toute requête concernant du matériel défectueux sera rejetée à moins qu'elle ne soit faite par écrit à A. M. Castle & Co. dans les 60 jours suivant la livraison. Le matériel coupé sur mesure ou coupé par le client ne peut être retourné pour crédit.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Ce matériel a été reçu et inspecté par  
Reviewed by Authorized Castle Metals Representative:

Date: Name:





**Acciaierie  
Valbruna s.p.a.**

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Clientel / Besteller/Purchaser/Client

VALRHONA CANADA LTD  
8724 HOLGATE CRESCENT  
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: ACCIAIERIE VALBRUNA S.P.A.

State of furniture: Hot rolled Polished Annealed Peeled

[illegible]

Tipo di Elaborazione: E+AOD  
Elaborazione/Elaborazione processo/Modo di elaborazione

**Punzone del Collaudatore:**  
 Stampo dei Westschweizer  
 (modello a stampo) con la base



Certificato nr: MEST226048/2012/ 1

Avviso di Spedizione: D-VI12022059  
 L'Espresso s.p.a. - Via della Spiga, 12 - 00187 Roma

Confirma ordine nr: E112005695  
Werkovi Order/Rail nr.

Order nr: 207003755 Stock - Canada

**Marchio di Fabbrica:**  
Zobon des Liefermarkes

ಅಭ್ಯಾಸದ ಮೂಲಕ ಉತ್ತರಿಸಿ

Stempel des Reichsarchivars  
inspektoriats stampf' on de l'arsayur



ASME SA564 2010 S17400 (0)

AMS 5643 R S17400  
AMS 2303 F C<0,25

VAL CANADA 2 630 A  
ASTM A564 2010 S17400

(0) SEC. II PT. A 2010 EDITION ADD. 2011a

Punzonatura: 630  
Kamzeichnungs/Abbildung/Markung

Marca: V174

11/11/14

[illegible][illegible]

TEST		mln	max
A	Delta Ferrite	5.0	1.0 %
A	RATINGS FREQUENCY	1.10	0
A	RATINGS SEVERITY	1.05	0

[illegible][illegible]



CERTIFICATO DI COLLAUDO  
ABNAHMEPRÜFZEUGNIS  
INSPECTION CERTIFICATE  
CERTIFICAT DE RECEPTION  
EN 10204 (2004), 3.1



**Acciaierie  
Valbruna s.p.a.**

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4

Clienti / Bestandskunden/clients  
VALBRUNA CANADA LTD  
8724 HOLGATE CRESCENT  
L5T 5Z1-MILTON, ONT L5T 5Z1-GA  
Produzione: ACCIAIERIE VALBRUNA S.P.A.  
Hergestellt/Vorname production

Stato di fornitura: Hot rolled Polished Annealed Peeled  
Lieferzustand/Lieferung state/État de livraison

Tipo di Elaborazione: E-AOD  
Erstellungszustand/Working process/Mode of elaboration

Avviso di Spedizione: D-VII2022059  
Lieferungsbefehl/Befehlung letter  
Ordine nr.: 207003755 Stock - Canada  
Bestell-/VorderorderCommande  
Conferma ordine nr.: EIT2005695  
Werk/Our Order/Real nr.  
Zustimmung der Lieferanten  
Marchio di Fabbrica:  
Tide mark  
Signe de l'usine production  
Punzone del Collaudatore:  
Stempel des Verifikationsbedingten  
Inspector a stamp/Prochopon de l'assureur



Colata Metal Schmelzmetalle	Nb%+Ta% max 0,150 min 0,450	Cb(Nb)% 0,450	0,282	0,282	257635
-	-	-	-	-	-

Material solution annealed 1904F for 1.5 H,  
air cooled to below 90F.  
Macro etch test: satisfactory.  
Produced without class III Ozone depleting substances.  
Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind in Übereinstimmung mit den Anforderungen  
The material has been furnished in accordance with the requirements  
Le matériel a été fourni conforme aux exigences  
Controllo antisoccorianza: OK  
Verwechslungsgefahr: spezialabgeschlachtet durchgeföhrt  
Ausschlag testing performed OK  
Controllo esterno: lab. r.a.p.  
Converte externe: lab. r.a.p.  
Controllo visivo e dimensionale: soddisfa le esigenze  
Visual inspection and dimensional checks satisfactory  
Conforme Visual et dimensionnel: satisfaisant

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.  
The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, 4.3 by TÜEV and LLOYD S  
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.  
The supplied product conforms to requirements expressed by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SPA shall not be responsible for any improper use of the Products.



# MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO.: 22957 / M125314

MATERIAL: M174 PH 2.00  
DATE: March 14th, 2014

THICKNESS ORDERED: 2.00  
THICKNESS RECEIVED: 2.003  
SHEET SIZE ORDERED:  
SHEET SIZE RECEIVED:

MATERIAL CERT REC'D: 420  
QUANTITY RECEIVED: 581  
QUANTITY INSPECTED: 381  
QUANTITY REJECTED:

Panels sent out for heat treat on 022958

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	
CORRECT FINISH	Y	
CORROSION	Y	
CORRECT GRAIN DIRECTION	Y	
CORRECT MATERIAL	Y	
CORRECT THICKNESS	Y	
PHOTO REQUIRED	Y	
CORRECT MATERIAL	Y	
CORRECT REF # TO LINK CERT	N	420 5643
CORRECT MATERIAL IDENTIFICATION	N	257653
CORRECT M# ON THE MATERIAL	N	M174 PH 2.00
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.			
RECORD RESULTS BELOW	HRC	HRB	DUR A
TYPE OF MATERIAL			
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING	42HRC		

Testers located in the Quality Office

QC 18 INSPECTION  
ENGINEERING SIGNOFF (if required)  
INSPECTED BY: [Signature]  
SIGNED OFF BY:  
DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

**PURCHASE ORDER**  
Purchase Order ID PO22957  
Purchase Order Date 2/11/2014  
PO Print Date 2/11/2014  
Page Number 1 of 4

**Order From :**

VC-MET001

Ship To :

DART AEROSPACE LTD

METAUX CASTLE

A.M. CASTLE & CO. (CANADA) INC. - C/O 910720

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

P.O. BOX 4090 STN A  
TORONTO, ON M5W 0E9

CA

Contact Name  
Vendor Phone

514 694 9575

Ship To Contact  
Ship To Phone

VENDOR'S TRUCK

Ship Via:

Ship Acct:

FOB

Currency

CAD

Terms

Net 30

Customer Tax #

10127-2607

Customer POID

Chantal Laviole

Buyer

Line	Reference	Vendor Part Number	Description/ Mfg ID	Reg Date/ Taxable	CD	Reg Qty/ Unit of Measure	PO Unit Price	Extended Price
------	-----------	--------------------	------------------------	----------------------	----	--------------------------------	---------------	-------------------

1	M174PH-H900R0.500	17-4SS H900 ROUND	BAR 0.500	2/24/2014	Yes	48.00	\$5.49	\$263.52
				2/24/2014				

MATERIAL: 17-4 PH COND. H900  
AS PER AMS 5643

NOTE:  
PLEASE SHIP MATERIAL TO METCOR INC.  
560 BOULV. ARTHUR SAUVE  
SAINT-EUSTACHE, QC  
J7R-5A8  
450-473-1884

450-473-1884

J7R-5A8

SAINT-EUSTACHE, QC

560 BOULV. ARTHUR SAUVE

PLEASE SHIP MATERIAL TO METCOR INC.

NOTE:

AS PER AMS 5643

MATERIAL: 17-4 PH COND. H900

17-4SS H900 ROUND

BAR 0.500

Yes

2/24/2014

f

48.00

\$5.49

\$263.52

Delivery Comments

Line Comments

Vendor Part Number

Reference

Nbr

Promise Date

Reg Date/  
Taxable

CD

Reg Qty/  
Unit of  
Measure

PO Unit Price

Extended  
Price

**Note:**

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier

**PO Instructions:**





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

**PURCHASE ORDER**  
Purchase Order ID PO22957  
Purchase Order Date 2/11/2014  
PO Print Date 2/11/2014  
Page Number 2 of 4

Order From : VC-MET001  
METAUX CASTLE  
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720  
P.O. BOX 4090 STN A  
TORONTO, ON M5W 0E9  
CANADA  
Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7

Contact Name  
Vendor Phone 514 694 9575  
Ship To Contact  
Ship To Phone  
Ship Via:  
Ship Acct:  
VENDOR'S TRUCK  
Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

2	M174PH-H900R0.750	17-4 SS H900 ROUND BAR 0.750"	2/24/2014	No	0.00	\$0.00	\$0.00
			2/24/2014	f	48.00	\$8.12	\$389.76
	M174PH-H900R0.750		2/24/2014	f	48.00	\$8.12	\$389.76
			2/24/2014	f			\$389.76

NOTE:  
PLEASE SHIP MATERIAL TO METCOR INC.  
560 BOULV. ARTHUR SAUVE  
SAINT-EUSTACHE, QC  
J7R-5A8  
450-473-1884

MATERIAL: 17-4 PH COND. H900  
AS PER AMS 5643

PO Instructions: Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
Note:





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

**PURCHASE ORDER**  
Purchase Order ID PO22957  
Purchase Order Date 2/11/2014  
PO Print Date 2/11/2014  
Page Number 3 of 4

**Order From :**

VC-MET001

Ship To : DART AEROSPACE LTD

METAUX CASTLE  
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA  
TORONTO, ON M5W 0E9  
CA

**Contact Name**  
Vendor Phone

514 694 9575

**Ship To Contact**  
Ship To Phone

VENDOR'S TRUCK

**Ship Via:**  
Ship Acct:

3 M174PH-H900R1.000

17-4SS H900 ROUND

2/24/2014

48.00

\$10.15

\$487.20

MATERIAL: 17-4 PH COND. H900  
AS PER AMS 5643

NOTE:  
PLEASE SHIP MATERIAL TO METCOR INC.  
560 BOULV. ARTHUR SAUVE  
SAINT-EUSTACHE, QC  
J7R-5A8  
450-473-1884

450-473-1884

J7R-5A8

SAINT-EUSTACHE, QC

560 BOULV. ARTHUR SAUVE

PLEASE SHIP MATERIAL TO METCOR INC.

NOTE:

AS PER AMS 5643

MATERIAL: 17-4 PH COND. H900

2/24/2014

f

Yes

BAR 1.00

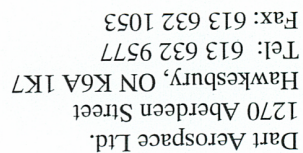
Line Total:

\$487.20

Note:

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier





## Purchase Order ID PO22957

Page Number 4 of 4

VC-MET001

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

CA

514 694 9575

VENDOR'S TRUCK

4	M174PH-H900R2.000	17-4SS H900 ROUND	BAR 2.000
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AS PER AMS 5643

NOTE:

PLEASE SHIP MATERIAL TO METCOR INC.  
560 BOULV. ARTHUR SAUVE  
SAINT-EUSTACHE, QC  
J7R-5A8  
450-473-1884

J7R-5A8  
450-473-1884

J

FCA – (Free Carrier)

CAD

Net 30

10127-2607

Chantal Lavoie

Buyer

\$1,761.12

\$2,901.60

**PO Instructions:**

## Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification

A017 raw material identification (as applicable)

A026certification of material conformance

A042 dart notification by supplier

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.



## Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date  Required Qty	Recv Date/  Recv Emp	Recv Qty  (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MET004	Metcor Inc.								
PO22958	1		71425-30	Each	3/11/2014	3/13/2014	1.0000	\$0.00	0.0000	0	\$0.00
CAD	No		HEAT TREAT MATERIAL TO H900 M128501		1.0000	DESJ02		\$0.00	0.0000	0	
<b>Total Received Quantity:</b>											1.0000
<b>Total Qty to Inspect (PO U/M):</b>											0.0000
<b>Total Reject Quantity:</b>											0.0000
<b>Total Receipt Value:</b>											\$0.00
<b>Total Balance Due Quantity:</b>											0.0000



METCOR INC.

560 BOUL. ARTHUR-SAUVE, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

BON DE TRAVAIL	193483
CHARGEMENT	1

Detailed Certificate of Compliance

COMMANDE DU CLIENT		BON DE LIVRAISON DU CLIENT	MATÉRIEL	CODE DE TRAITEMENT	NUMÉRO DE LOT
customer po		customer shipper no.	material	mat'l heat code	lot number
PO22958			17-4PH		
SPÉCIFICATIONS DU PROCÉDÉ					
processing specifications					
AGE HARDEN					
CONDITION H 900					
SAE AMS 2759/3 REV E					
EXIGENCE / requirement					
SPÉCIFICATIONS / specified TESTS EXÉCUTÉS / performed					
RÉSULTATS DE TESTS / results					
HARDNESS					
40 - 47 HRC					
68					
44.0 - 46.0 HRC					
QUANTITÉ	POIDS	DESCRIPTION DES PIÈCES			
quantity	weight	parts description			
68	649	71425-30			
		(68) 71425-30			
		ROUND BARS .500" / .750" / 1"			
		CASTLE PO:22957			
		2 PALETTE=1 PAL + 1 NIL			

COMMENTAIRES / comments

AGE HARDEN 900F, 1 HR

Le traitement thermique (TT) a été fait en utilisant des équipements en conformité avec AMS2759. Le TT a été fait tel que requis par AMS2759 et toutes les vérifications et les tests demandés ont été faites et documentés. Aucun changement n'a été faite par rapport au TT. On certifie que le matériel a été fabriqué, échantillonné, testé et inspecté en accord avec AMS2759 et le bon de commande et le matériel rencontre les exigences spécifiées.

Heat treatment (HT) was performed with equipment that meets the requirements of AMS2759. All HT operations were in compliance with AMS2759 and all verifications have been performed and documented. No unauthorized changes were performed in regards to the HT. We certify that the material was manufactured, sampled, tested and inspected in accordance with AMS2759 and the purchase order and was found to meet the requirements.

APPROUVÉ par / Approved by:

Isabel Otero  
QA Technician

DATE: 2014-03-11



METCOR INC.

560 BOUL. ARTHUR-SAUVÉ  
ST-EUSTACHE, QC J7R 5A8  
Tel: 450-473-1884 / Fax: 450-491-5498

Reçu de livraison

Delivery Receipt

BON DE TRAVAIL	Order	193483
EXPÉDITEUR BON D'EXPÉDITION	Shipper ID	1
Shipper		79553

EXPÉDITION COMPLÈTE / Shipped Complete

LIVRÉ À /Shipped To

DART AEROSPACE  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
Ph: 613-632-5200  
Fax: 613-632-1053

CLIENT /Customer

215

DART AEROSPACE  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
Ph: 613-632-5200  
Fax: 613-632-1053

COMMANDE DU CLIENT		BON DE LIVRAISON DU CLIENT		TYPE DE MATÉRIEL		DATE DE LA COMMANDE		TRANSPORTEUR	
Customer PO		Customer Shipper No.		Material Type		Order Date		Carrier	
PO22958				17-4PH		2014/2/19		TST	
QUANTITÉ	No. PIÈCE	/ NOM DE LA PIÈCE		/ DESCRIPTION DE LA PIÈCE		Part Description		POIDS	
Quantity	Part No.	Part Name						Weight	
68 71425-30								649,	

ROUND BARS .500" / .750" / 1"

CASTLE PO:22957

2 PALETTE=1 PAL + 1 NIL

TYPE DE CONTENEUR		# DE CONTENEURS		COMMENTAIRES CONTENEUR	
Container Type		# Of Containers		Container Comments	
		2		2=1PAL+1NIL	

EMPAQUETAGE	Packing
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QUANTITÉ EXPÉDIÉE / Quantity Shipped : 68  
POIDS EXPÉDIÉ / Weight Shipped : 649,00  
QUANTITÉ RESTANTE / Quantity Remaining : 0  
POIDS RESTANT / Weight Remaining : 0,00

QUANTITÉ EXPÉDIÉE /Quantity Shipped:	68
POIDS EXPÉDIÉ / Weight Shipped :	649,00

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

EXPÉDIÉ LE / Shipped On : 2014/03/11

F-050-06 Rev. B





560, boul. Arthur-Sauvé, St-Eustache (Québec) J7R 5A8  
Tel.: 450-473-1884  
Télécopieur / Fax administration 450-491-6498  
Télécopieur / Fax production 450-491-6454

560 BOUL. ARTHUR-SAUVE, ST-EUSTACHE, QC, J7R 5A8

Tel.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450-491-6454

CLIENT / customer 215  
DART AEROSPACE  
1270 ABERDEEN  
HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:  
DART AEROSPACE  
1270 ABERDEEN  
HAWKESBURY

ON K6A 1K7

### Rapport d'Inspection Inspection Report

BON DE TRAVAIL order	193483
CHARGEMENT load	1

COMMANDE DU CLIENT customer po	BON DE LIVRAISON DU CLIENT customer shipper no.	MATÉRIEL material	CODE DE TRAITEMENT mat'l heat code	NUMÉRO DE LOT lot number
PO22958				
SPÉCIFICATIONS DU PROCÉDÉ processing specifications				
AGE HARDEN CONDITION H 900 SAE AMS 2759/3 REV.E				

EXIGENCE / requirement	SPÉCIFICATIONS / specified	TESTS EXÉCUTÉS / performed	RÉSULTATS DE TESTS / results
HARDNESS	40 - 47 HRC	68	44.0 - 46.0 HRC

QUANTITÉ quantity	68	POIDS weight	649	DESCRIPTION DES PIÈCES parts description	71425-30 (68) 71425-30 RONDE BARS .500" / .750" / 1" CASTLE PO:22957 2 PALETTE=1 PAL + 1 NIL
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COMMENTAIRES / comments

1 MARS 2014

APPROUVÉ par / Approved by:



DATE: 2014-03-11

POUR APPROBATION





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

Purchase Order ID PO22958  
Purchase Order Date 2/11/2014  
PO Print Date 3/13/2014  
Page Number 1 of 1

Order From : VC-MET004  
METCOR INC.  
560 BOUL. ARTHUR SAUVE  
SAINT-EUSTACHE, QC J7R 5A8  
CA  
Ship To : DART AEROSPACE LTD  
1270  
ABERD  
EEN  
HAWKE  
SBURY,  
ON  
K6A  
1K7  
CANAD  
A

Contact Name  
Vendor Phone 450 473 1884  
Vendor Fax 450 491 5498  
Ship To Contact  
Ship To Phone  
Ship Method VENDOR'S TRUCK  
Ship Acct

Line	Item ID	Description/	Reg Date/ Taxable	Reg Qty	Extended Price
1	71425-30	HEAT TREAT MATERIAL TO H900	3/11/2014 Yes	1.00 Each	\$0.00

17-4 PH ROUND BAR .500" / .750" / 1" 2" SENT FROM METALUX CASTLE P/O:22957  
FINISH:  
HEAT TREAT TO COND H900  
FTU IN EXCESS OF 170KSI  
FTU IN EXCESS OF 190KSI  
PER AMS2759/3  
PLEASE ADVISE PRICE \$\$\$\$\$\$ FOR LOT

Line Total: 144/3/13

Outstanding PO Total: \$0.00

\$0.00

PO Instructions: Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A020 non-destructive test/inspection identification  
A021 dart aerospace processing  
A024 process certifications  
A026 certification of material conformance  
Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100